



# **Department of Energy Laboratory Accreditation Program**

**Steven Zobel, CHP  
DOELAP Administrator  
AU-11**



# DOELAP



## History

- Intercomparisons dating back to 1962.
- HPS/ANSI development of N13.11.
- DOELAP initiated in 1986 for external dosimetry.
- Radiobioassay accreditation began in 1998.

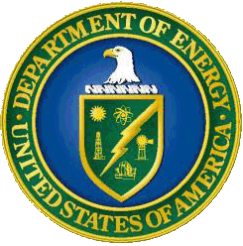


# DOELAP



## Regulatory

- **Order 5480.11**
- **10 CFR Part 835**
- **Technical Standards**
  - **DOE-STD-1095-2011 “External Dosimetry”**
  - **DOE-STD-1112-1998 “Radiobioassay”**
  - **DOE-STD-1111-2013 “Administration”**
  - **DOE-HDBK-XXXX-2015 “Handbook”**



# DOELAP



## Organization

- **Administrator**
- **Radiological and Environmental Sciences Laboratory**
  - **Senior Technical Managers**
- **Oversight Boards**
- **Assessors**

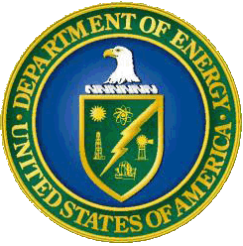


# DOELAP



## Accreditation

- **Primary (Direct)**
- **Secondary**
- **Technical Equivalence**
- **Exception**

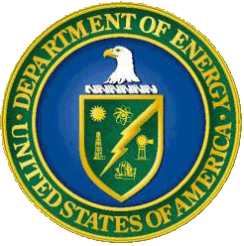


# DOELAP



## Process

- **Contractor determines performance testing categories; DOE site office concurs.**
- **Application.**
- **Performance testing and onsite assessment.**
- **Oversight Board review and recommendation.**
- **Final determination by DOELAP Administrator**



# DOELAP



## Assessors

- **Candidates selected from accredited programs.**
- **Training followed by field work with senior assessors.**
- **Oversight Board members selected from pool of senior assessors.**